

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of claims:

1. (cancelled)
2. (currently amended) The method of claim + 18, wherein said collecting interaction data comprises use of network surveys.
3. (currently amended) The method of claim + 18, wherein said collecting interaction data comprises monitoring of e-mail traffic.
4. (currently amended) The method of claim + 18, wherein said collecting interaction data comprises monitoring of telephone traffic.
5. (currently amended) The method of claim + 18, wherein said collecting interaction data comprises monitoring of access to shared resources.
6. - 9. (cancelled)
10. (currently amended) The method of claim + 18, wherein said displaying said processed interaction data comprises generating an organization view where interactions among entities of an organization are represented graphically.

11. (currently amended) The method of claim + 18, wherein said displaying said processed interaction data comprises generating a group view where entities of a predefined group and their pre-specified attributes are represented graphically.

12. (currently amended) The method of claim + 18, wherein said displaying said processed interaction data comprises generating an individual view where interactions relating to a specific entity are represented graphically.

13. (currently amended) The method of claim + 18, wherein said displaying said processed interaction data comprises generating a cluster view where interactions among predefined units of entities are represented graphically.

14. (currently amended) The method of claim + 18, wherein said displaying said processed interaction data comprises generating a people map where said connectivity and diversity measures for predefined units of entities are represented graphically.

15. (currently amended) The method of claim + 18, wherein said displaying said processed interaction data comprises generating a topical view where the view generated is dependent upon a predetermined interaction topic.

16. (currently amended) The method of claim + 18, which further comprises generating a report based on results of the interaction analysis.

17. (cancelled)

18. (new) A computerized method for interactive visual analysis of interactions among entities, where entities are individuals or groups, which comprises:

collecting interaction data;

computer processing said collected interaction data with a connectivity measure for assessing how well entities are connected to their environments, wherein said connectivity measure employs a decay factor to account for the effects of indirect interactions among entities and is a recursive mathematical algorithm in the form of:

$$C(E, L) = \sum_{1 \leq k \leq N} [w(k) + C(k, L-1)/f_d]$$

$$C(E, 0) = 0$$

where $C(E, L)$ denotes connectivity of entity E at depth L where E has N direct interactions, $w(k)$ is the weight of direct interactions from k , and f_d is the decay factor;

computer processing said collected interaction data with a diversity measure for assessing how diverse entities are in their interactions with or connections to their environment, wherein said diversity measure employs a decay factor to account for the effects of indirect interactions among entities and is a recursive mathematical algorithm in the form of:

$$D(E, L) = \sum_{1 \leq k \leq N} [v(k, p) + D(k, L-1)/f_d]$$

$$D(E, 0) = 0$$

where, $D(E, L)$ denotes diversity of entity E at depth L where E has N direct interactions, and $v(k, p) = 0$ if the property of k along the diversity dimension of interest is already within p , where p is a set of properties encountered so far, including the property of E or otherwise, $v(k, p) = 1$; and

displaying said processed interaction data and appropriate raw interaction data for
interaction analyses.